

Amendments to the Specification:

Please replace the paragraph beginning on page 53, line 17, with the following amended paragraph:

The gas mixing layer 4484 may consist of metal or ceramic foam of the type well-known in the art. Or, as shown in FIG. 49, the gas mixture layer 4484 may consist of plural perforation plates 4484-1, 4484-2 each having many small gas orifices drilled through it, the holes in one perforation plate being offset from the holes in the other perforation plate. A bottom plate 4485 of the gas distribution plate 210 has many sub-millimeter gas injection holes 4486 (FIG. 50) drilled through it with large counterbored holes 4487 at the top of the bottom plate 4485. In one example, the sub-millimeter holes were between 10 and 30 mils in diameter, the counterbored holes were about 0.06 inch in diameter and the bottom plate 4485 had a thickness of about 0.4 inch. Inner and outer gas feed lines 4490, 4492 through the ceiling 110 furnish gas to the inner and outer top plates 4480a, 4480b, so that gas flow in radially inner and outer zones of the chamber may be controlled independently as a way of adjusting process uniformity.